



GAU/713

## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Jinsong Lee et al.

Docket No.: 1970024A

RECEIVED

Serial No.: 09/650,599

Art Unit: 1713

DEC 08 2000

Filed: August 30, 2000

Examiner:

TC 1700

For: END-FUNCTIONALIZED POLYMERS BY CONTROLLED FREE-RADICAL  
POLYMERIZATION PROCESS AND POLYMERS MADE THEREFROMX  
4CERTIFICATE OF MAILING

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12/11/00

Date of Deposit

Cathy Bartel

Cathy Bartel

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is/are the following document(s) related to the above-identified application:

Acknowledgment of Receipt Card  
Information Disclosure Statement  
Form PTO-1449  
Art Cited

X Charge any additional fees except issue fee or credit overpayment to Deposit Account  
~~07-1605~~. A DUPLICATE OF THIS SHEET IS ENCLOSED.  
50-1501

Respectfully submitted,

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Law Department  
9921 Brecksville Road  
Brecksville, OH 44141-3289  
216/447-5918

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Cathy Bartel  
Cathy Bartel

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to the duty of disclosure under 37 CFR §1.56 and in accordance with the Rules of Practice set forth under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed below:

U.S. Patents

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
4,055,713	Moczygembra et al.	October 25, 1977
4,611,037	Musch et al.	September 9, 1986
4,774,302	Haruyoshi et al.	September 27, 1988
5,248,746	Shimokawa et al.	September 28, 1993
5,391,665	Matsunaga et al.	February 21, 1995
5,455,319	Bak et al.	October 3, 1995
5,627,248	Koster et al.	May 6, 1997

Foreign Patents

<u>Country</u>	<u>Publication/Patent No.</u>	<u>Publication/Issue Date</u>
Europe	0 622 378 A1	November 2, 1994
Europe	0 722 963 A1	July 24, 1996
Germany	DE 3430518 A1	February 27, 1986
Germany	DE 19502086 A1	July 25, 1996

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November 30, 2000  
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<u>Country</u>	<u>Foreign Patents</u> <u>Publication/Patent No.</u>	<u>Publication/Issue Date</u>
Japan	4-132706	May 7, 1992
Japan	4-149207 (Abstract Only)	May 22, 1992
PCT	WO 96/30421	October 3, 1996

Publications

1. Masayoshi Tatemoto, "Development of "Iodine Transfer Polymerization" and Its Applications to Telechelically Reactive Polymers", Kobunshi Ronbunshu, Vol. 49, No. 10, pgs. 765-783, 1992.
2. Macromolecules, Scott G. Gaynor et al., "Controlled Radical Polymerization by Degenerative Transfer Effect of the Structure of the Transfer Agent", 1995, No. 28, pgs. 8051-8056.
3. Brochure - Th. Goldschmidt AG, " $\alpha$ - $\omega$ -Polymethacrylate Diols A New Class of Linear Macrodiools".
4. Macromolecules Symposium, Eberhard Esselborn et al., "Block Copolymers and Telechelic Oligomers by End Group Reaction of Polymethacrylates", Vol. 102, 1996, pgs. 91-98.
5. Macromolecules, K. Matyjaszewski et al., "Controlled Radical Polymerizations: The Use of Alkylliodides in Degenerative Transfer", Vol. 28, 1995, pgs. 2093-2095.

It is respectfully requested that the foregoing information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned with an indication that such information has been considered.

Applicants believe that no fee is due. But, if there is any fee associated with the filing of this Information Disclosure Statement, the Commissioner is authorized to charge Deposit Account No. 50-1501. A duplicate of the transmittal letter is enclosed.

Respectfully submitted,

Thoburn T. Dunlap  
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Reg. No. 31,246

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